

STEREO MOC Status Report
Time Period: 2011:276 - 2011:282

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 276, during the DSS 63 support, turbo decoder lock was lost intermittently beginning at 0717z through 0811z. This anomaly resulted in the loss of three frames of SSR data for all instruments. See DR# N107642 for more information.
- On day 277, during the DSS 63 support, turbo decoder lock was lost briefly at 1111z. This anomaly resulted in the loss of one frame of SSR data. See DR# N107644 for more information.
- On day 281, during the DSS 34 support, turbo decoder lock was lost briefly at 2332z. This anomaly resulted in the loss of one frame of SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 277, the 41st momentum dump was successfully executed at 1330Z, which imparted a delta V of 0.0845 m/sec.
- The average daily SSR playback volume for Ahead was 5.0 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 276, during the DSS 63 support, turbo decoder lock was lost briefly at 1401z. This anomaly resulted in the loss of one frame of SSR data. See DR# N107652 for more information.
- On day 278, during the DSS 55 support, turbo decoder lock was lost briefly beginning at 1244z. This anomaly resulted

in the loss of 11 frames of SSR data. See DR# N107653 for more information.

- On day 281, during the DSS 15 support, turbo decoder lock was lost briefly at 2042z. This anomaly resulted in the loss of one frame of SSR data. See DR# N107656 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 277, the 35th momentum dump was successfully executed at 1500Z, which imparted a delta V of 0.0662 m/sec.
- The average daily SSR playback volume for Behind was 4.5 Gbits during this week.